Kenneth Darmawan

kendarm123@gmail.com | LinkedIn

Work Experience

Chime
San Francisco, CA

Software Engineer *Jan 2026 – Present*

- Led development of a 0→1 backend platform supporting $100M+ in high-value partner transactions, owning core APIs and business logic for eligibility, transfer, and pledging workflows
- Designed and launched a new credit furnishing platform for all Chime liquidity products, turning a manual, multi-day reporting process into an automated pipeline serving millions of members
- Partnered with Legal, Compliance, and 3 engineering teams to re-architect backend services and reporting logic for Chime's new line of credit product, unblocking its launch ahead of schedule
- Strengthened production readiness by building an AI-powered on-call system that triages alerts and surfaces root causes and fixes in real time, saving the team 10+ engineering hours per week

Capital One
San Francisco, CA

Software Engineer *Feb 2022 – Sep 2025*

- Developed real-time decisioning services (Java, Spring Boot, gRPC) to process millions of daily transactions with ML models, driving a 10% increase in user spending
- Led cross-functional initiatives with data science and product teams to build a subscription detection pipeline, identifying $10M+ in overlooked revenue annually
- Leveraged AWS (EC2, ECS, S3, Fargate) to deploy and scale fraud detection services, implementing CI/CD pipelines to cut build times by 40% and enable faster, more frequent releases
- Resolved critical production latency issues by implementing Redis caching, improving response times by 35% and eliminating timeouts during peak hours

Tech4Good
Santa Cruz, CA

Software Engineer *Sep 2019 – Dec 2020*

- Directed design and architecture sessions for Causeway, a web development learning platform, leading to improvements that secured over $200,000 from competitive STEM education grants
- Created data structures and algorithms coding exercises using Java and REST APIs for Causeway's backend infrastructure, improving student engagement and course completion rates by 25%
- Collaborated with UI/UX designers to design and operationalize a user research workflow, enabling structured feedback collection to inform future feature development
- Implemented responsive frontend components using Angular and TypeScript to improve usability and accessibility of the Tech4Good platform

Education

University of California, Santa Cruz
Santa Cruz, CA

Bachelor of Science in Computer Science *Sep 2018 – Dec 2021*

- Dean's Honors List, Google Developer Student Club, Association of Computer Machinery

Skills

Certifications: AWS Certified Solutions Architect – Associate

Languages: Python, Java, Ruby, TypeScript, SQL

Backend: REST, gRPC, Spring Boot, Ruby on Rails, Amazon SQS, Airflow (Astronomer)

Databases & Storage: PostgreSQL, Redis, Amazon DynamoDB, Amazon S3, Snowflake